

City of Beaverton
Aquifer Storage and Recovery (ASR) NO.6 Test Well Drilling Project Solicitation #2922-15
Bid Closes September 9, 2014 at 2pm

				Schneider Water Services St. Paul, OR	
ITEM NO.	DESCRIPTION	UNIT	EST QTY	UNIT PRICE	TOTAL
1	Mobilization and Demobilization including all equipment and incidental items for installing and testing the piezometer, including site prep and permitting	LS	1	\$ 69,800.00	\$ 69,800.00
2	Erosion Control	LS	1	\$ 4,800.00	\$ 4,800.00
3	Water Management	LS	1	\$ 14,700.00	\$ 14,700.00
	Well Drilling and Installation				
4	Drill 10-inch nominal borehole from 0 to 30 feet below ground surface and furnish, install and remove temporary casing as needed	LF	30	\$ 244.00	\$ 7,320.00
5	Furnish and install 6-inch nominal 0.250-inch wall low carbon steel casing	LF	30	\$ 39.00	\$ 1,170.00
6	Install bentonite seal	LF	30	\$ 94.00	\$ 2,820.00
7	Drill 6-inch nominal borehole from 30 to 350 feet below ground surface using conventional air drilling methods	LF	320	\$ 39.00	\$ 12,480.00
8	Drill 6-inch nominal borehole from 350 to 1000 feet below ground surface using flooded reverse circulation drilling	LF	650	\$ 97.00	\$ 63,050.00
9	Provide support and necessary equipment including injection pipe during planned short-term falling head tests during drilling from 350 – 1000 feet below ground surface.	Hours	16	\$ 460.00	\$ 7,360.00
10	Conduct well development	Hours	12	\$ 460.00	\$ 5,520.00
11	Video log	LS	1	\$ 1,400.00	\$ 1,400.00
12	Standby Time	Hours	8	\$ 200.00	\$ 1,600.00
13	Preauthorized Rig Time	Hours	16	\$ 460.00	\$ 7,360.00
	Basalt Aquifer Testing				
14	Furnish, install necessary equipment including drop pipe to complete a step-rate injection and long-term injection tests.	LS	1	\$ 11,800.00	\$ 11,800.00
15	Perform step-rate injection test	Hours	8	\$ 460.00	\$ 3,680.00
16	Perform long-term injection test (120-hours for injection and up to 120 hours for recovery)	LS	1	\$ 19,600.00	\$ 19,600.00
	Miscellaneous				\$ -
17	Well Disinfection and Installation of flush grade well cover	LS	1	\$ 1,920.00	\$ 1,920.00
18	Extra Work as Authorized *	LS	1		\$ -
	GRAND TOTAL BID AMOUNT (Items 1 through 18)				\$ 236,380.00
	ADDITIVE ALTERNATIVE NO.1- WASTEWATER DISCHARGE TO STORMWATER				
	Discharge wastewater from piezometer development and testing to stormwater retention pond	LS	1	\$ 7,500.00	\$7,500.00
	GRAND TOTAL BID AMOUNT (Items 1 through 18 Plus Additive Alternate No. 1)				\$ 243,880.00